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08/18/99  
1c583 U.S. PTO

PATENT

Docket No. 1758-4043US1

Express Mail Label No. EJ606944251US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**UTILITY APPLICATION AND APPLICATION FEE TRANSMITTAL**  
**(1.53(b))**

1c584 U.S. PTO  
09/376911  
08/18/99

ASSISTANT COMMISSIONER FOR PATENTS  
Box Patent Application  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Named Inventor(s) and Address(es): Francis Michon, 4401 Rosedale Avenue, Bethesda, MD 20814 U.S.A.  
Chun-Hsien Huang, 9815 Bald Cypress Drive, Bethesda, MD 20850 U.S.A.  
Catherine Uitz, 4126 N. 34<sup>th</sup> Road, Arlington, VA 22207 U.S.A.

For: IMMUNOGENIC  $\beta$ -PROPIONAMIDO-LINKED POLYSACCHARIDE PROTEIN  
CONJUGATE USEFUL AS A VACCINE PRODUCED USING AN N-  
ACRYLOYLATED POLYSACCHARIDE

Enclosed are:

[X] 33 page(s) of specification, 1 page(s) of Abstract, 7 page(s) of claims

[X] 1 sheets of drawing [X] formal [ ] informal

[X] 6 page(s) of Declaration and Power of Attorney

[ ] Unsigned  
[X] Newly Executed  
[ ] Copy from prior application

[ ] Deletion of inventors including Signed Statement under 37 C.F.R. § 1.63(d)(2)

[ ] Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the combined declaration and power of attorney is supplied herein, is considered as being part of the disclosure of the accompanying application and is incorporated herein by reference.

[ ] Microfiche Computer Program (Appendix)

[ ]        page(s) of Sequence Listing

[ ] computer readable disk containing Sequence Listing  
[ ] Statement under 37 C.F.R. § 1.821(f) that computer and paper copies of the Sequence Listing are the same

[X] Claim for Priority: Provisional U.S. Application No. 60/097,120 filed August 19, 1998.

- 00376041-004000
- ☐ Certified copy of Priority Document(s)
    - ☐ English translation documents
  - ☐ Information Disclosure Statement
    - ☐ Copy of \_\_\_\_ cited references
    - ☐ Copy of PTO-1449 filed in parent application serial No. \_\_\_\_\_.
  - ☐ Preliminary Amendment
  - ☒ Return receipt postcard (MPEP 503)
  - ☒ Assignment Papers (assignment cover sheet and assignment documents)
    - ☒ A check in the amount of \$40.00 for recording the Assignment.
    - ☐ Assignment papers filed in parent application Serial No. \_\_\_\_\_.
    - ☐ Certification of chain of title pursuant to 37 C.F.R. § 3.73(b).
  - ☒ This is a ☐ continuation ☐ divisional ☒ continuation-in-part (C-I-P) of prior application serial no. 60/097,120.
    - ☐ Cancel in this application original claims \_\_\_\_\_ of the parent application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)
    - ☐ A preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number following the highest numbered original claim in the prior application.
  - ☒ The status of the parent application is as follows:
    - ☐ A Petition For Extension of Time and a Fee therefor has been or is being filed in the parent application to extend the term for action in the parent application until \_\_\_\_\_.
    - ☐ A copy of the Petition for Extension of Time in the co-pending parent application is attached.
    - ☒ No Petition For Extension of Time and Fee therefor are necessary in the co-pending parent application.
  - ☐ Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending has been granted a filing date, so as to make this application co-pending.
    - ☐ Transfer the drawing(s) from the patent application to this application.
  - ☒ Amend the specification by inserting before the first line the sentence:  
This is a ☐ continuation ☐ divisional ☒ continuation-in-part of co-pending application Serial No. 60/097,120 filed August 19, 1998.
- a

## I. CALCULATION OF APPLICATION FEE (For Other Than A Small Entity)

	Number Filed		Number Extra	Rate	Basic Fee \$ 760.00
Total Claims	82	-20=	62	x\$18.00	\$1,116.00
Independent Claims	4	- 3=	1	x\$78.00	\$ 78.00
Multiple Dependent Claims	[X] yes		Additional Fee =	\$260.00	\$ 260.00
	[ ] no		Add'l Fee =	NONE	

Total: \$2,214.00

- [ ] A statement claiming small entity status is attached or has been filed in the above-identified parent application and its benefit under 37 C.F.R. § 1.28(a) is hereby claimed. Reduced fees under 37 C.F.R. § 1.9(F) (50% of total) paid herewith \$ \_\_\_\_\_.
- [X] A check in the amount of \$2,214.00 in payment of the application filing fees is attached.
- [ ] Charge Fee(s) to Deposit Account No. 13-4500. Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- [X] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for filing this application, or credit any overpayment to Deposit Account No. 13-4500, Order No. 1758-4043US1. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

MORGAN &amp; FINNEGAN, L.L.P.

By:

*Kathryn M. Brown*  
 Kathryn M. Brown  
 Registration No. 34,556

Dated: August 18, 1999

## CORRESPONDENCE ADDRESS:

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Michon et al Group Art Unit: To be assigned  
Serial No. : To be assigned Examiner: To be assigned  
Filed : August 18, 1999  
For : IMMUNOGENIC  $\beta$ -PROPIONAMIDO-LINKED POLYSACCHARIDE  
PROTEIN CONJUGATE USEFUL AS A VACCINE PRODUCED USING  
AN N-ACRYLOYLATED POLYSACCHARIDE

EXPRESS MAIL CERTIFICATE

Express Mail Label No. EJ606944251US

Date of Deposit August 18, 1999

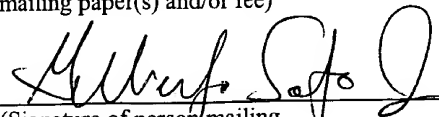
I hereby certify that the following attached paper(s) and/or fee

1. Utility Application and Application Fee Transmittal
2. Specification (33 pages)
3. Abstract (1 page)
4. Claims (7 pages, 82 claims)
5. Drawing (one sheet, Figure 1)
6. Declaration and Power of Attorney
7. Assignment Recordation Form Cover Sheet
8. Assignment
9. Check in the amount of \$2,214.00
10. Check in the amount of \$40.00
11. Return Receipt Postcard

is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Gilberto Soto, Jr.

(Typed or printed name of person  
mailing paper(s) and/or fee)

  
(Signature of person mailing  
paper(s) and/or fee)

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